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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

United States Patent No. 7, 721, 857 :  
:  
Issued: May 25, 2010 :  
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:  
Inventor: Joakim Harr :  
:  
Title: Arrangement Related to a Swing Damper :


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATION OF CORRECTION PURSUANT TO 35 U.S.C. SECTION 254

Enclosed is a proposed Certificate Of Correction submitted for the approval of the  
Patent and Trademark Office.

In an Amendment filed on April 12, 2007, the Specification of the application resulting in  
the above identified patent was amended at Page 2, Line 32 through Page 3, Line 5  
(corresponding to Column 2, Lines 8-18 of the issued patent).

**I hereby certify that this correspondence is  
being deposited with the United States Postal Service  
as first class mail in an envelope addressed to  
Commissioner for Patents, P.O. Box 1450, Alexandria,  
VA 22313-1450, on the date indicated below.**

  
**MARK P. STONE** 7/9/10  
**Reg. No. 27,954** (Date of Deposit)

The Abstract of the Disclosure was also revised in the Amendment filed on April 12, 2007.

The revisions to the Specification and the Abstract made in the Amendment filed on April 12, 2007 do not appear in the issued patent.

The Patentee respectfully requests that the enclosed Certificate Of Correction, revising the Specification and Abstract of the issued patent to conform to the revisions made in the Amendment filed on April 12, 2007, be approved and issued by the Patent and Trademark Office.

No fee for the requested Certificate Of Correction is enclosed since the errors sought to be corrected did not result from any mistake by the Patentee, but appear to have resulted from errors made by the Patent and Trademark Office during the printing of the issued patent.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark P. Stone', is written over the typed name.

Mark P. Stone  
Registration No. 27, 954  
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914-769-1106

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 7,721,857  
APPLICATION NO.: 10/530,158  
ISSUE DATE : May 25, 2010  
INVENTOR(S) : Joakim Harr

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2, Line 11: After "tool", insert --5 or working implement--.

Column 2, Line 12: Delete "5".

Column 2, Line 15: Delete "5".

Substitute the attached Abstract of the Disclosure for the Abstract printed on the cover sheet of the patent.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## ABSTRACT OF THE DISCLOSURE

The present invention relates to an arrangement and to a method relating to a swing damper (1) for carrying a tool (5) that hangs from a crane arm (2). The swing damper (1) includes an upper part (11) connected to the crane arm (2), and a lower part (12) that carries a working implement (5) either directly or via a rotator (4) , . The upper and lower parts are pivotally connected via a pivot joint (13). The swing damper (1) also includes a brake arrangement (50) including a brake unit (60) having discs (70, 80) pivotal about a pivot shaft (14) of the swing joint (13), at least one (70) of the discs being secured against rotation relative to the upper part (11), and at least one (80) of the discs being secured against rotation relative to said lower part (12), and a tensioning element (90; 110; 130) for pressing the discs (70, 80) together in a braking operation.